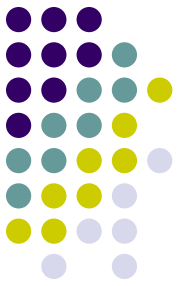


Today's Presentation

Web Map Services

Dan Eisen

with Amy Sebring



- **Intro to Web Map Services**
- **Orthoimagery**
- **FEMA Q3 Data**
- **Shape File Import**
- **Map Sharing**
- **Q&A**

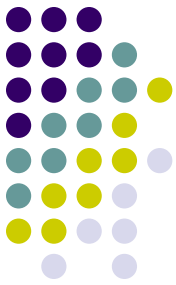
WebMap Services



DMIS WMS offers four products

- **United States Geological Service (USGS)** - Geological Naming Information Service (GNIS). Names of water features, parks, and populated places, and mountains
- www.hazardmaps.gov - FEMA's Multi-hazard Mapping Initiative useful in flooding scenarios
- **USGS Urban Areas Orthoimagery** - high resolution ortho-images of U.S. urban areas
- **Microsoft TerraService** - ortho-images of the entire United States and raster graphics (topographic lines of elevation with all water and populated area features and names)
- **Iowa Environmental Mesonet (IEM) RadView Service** - US Radar, or NEXRAD, a composite of US Radar services updated every five minutes

WebMap Services

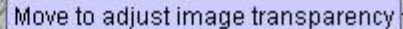


The screenshot displays a web mapping application interface. The main map area shows a street map of Phoenix, Arizona, with various landmarks and roads labeled. A red arrow points to the 'Web Map Services' button in the top toolbar. On the left side, there is a sidebar with a 'General Use' tab selected, and a 'Symbols' section showing various hazard symbols. A 'Retrieving WMS...' status bar is visible at the top of the map area. The bottom of the map area shows copyright information: '© 2004 MapQuest.com, Inc.; © 2004 NAVTEQ'.

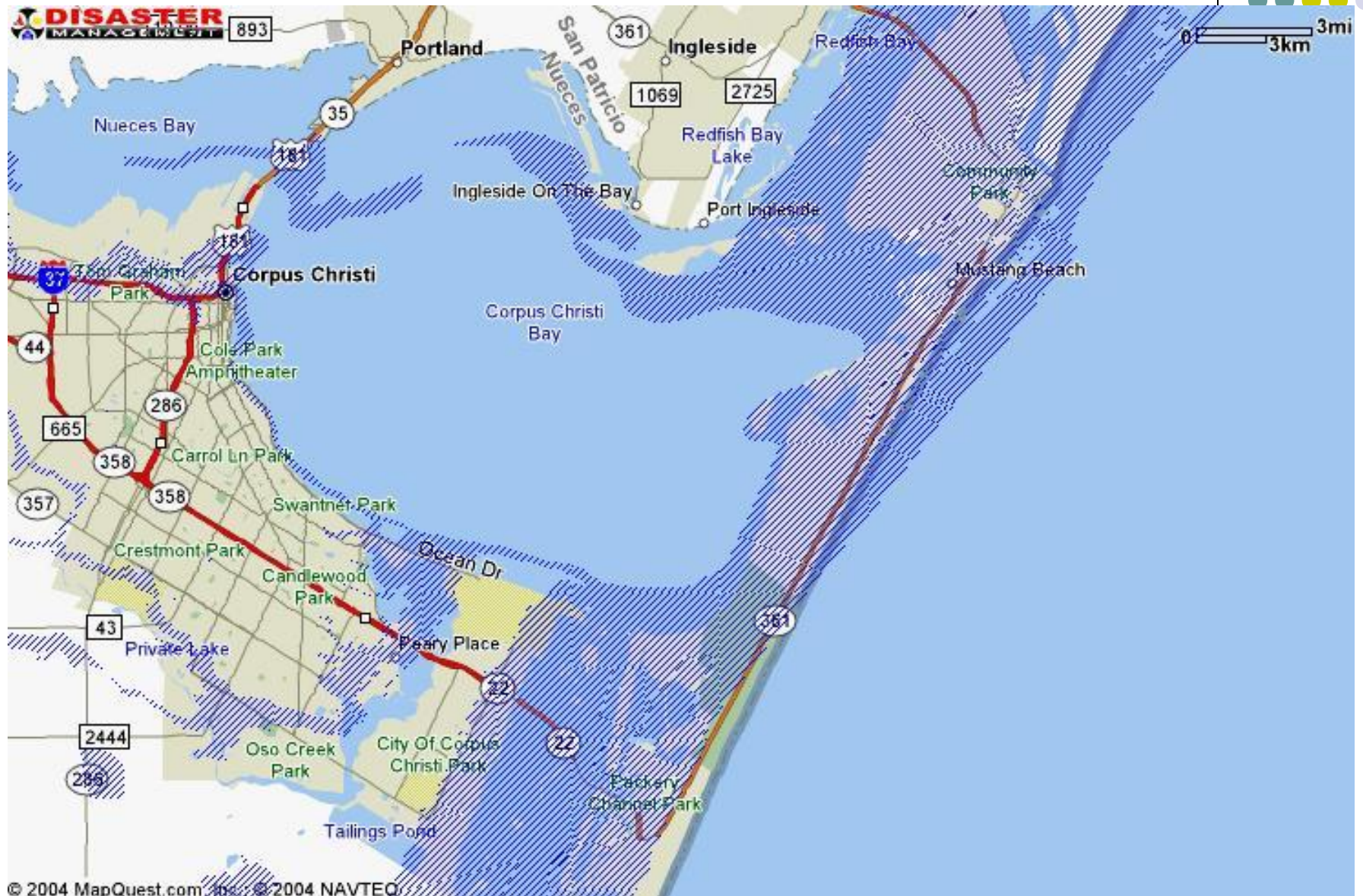
The 'Web Map Services' dialog box is open on the right side of the screen. It contains a list of services:

- USGS Geographic Names Information System (www.hazardmaps.gov)
- USGS Urban Areas Orthoimagery
- Microsoft TerraService
- Iowa Environmental Mesonet (IEM)

Below the list is a 'Layer Name - Description' section with a text input field. At the bottom of the dialog box, there are buttons for 'Advanced', 'Set as base map', 'Add', and 'Close'.



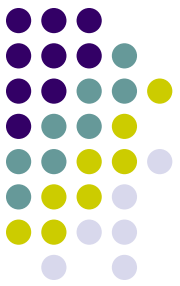
FEMA Q3 Data



Iowa Mesonet Radar



Iowa Mesonite Satellite Imagery



Map Collaboration



- Internal COG map collaboration
- External Map sharing via DMIS post function